**BRUHAT BENGALURU MAHANAGARA PALIKE**

# MEASUREMENT SHEET

## PRE-MEASUREMENT

Name of work: Improvements to Roads and Drains in Cross Roads of Bhadrappa Layout and Surrounding areas in Ward No. 12, (Kodigehalli).

Estimated Cost : Rs. 75.00 Lakhs

Head of Account : P-3726 Zonal Public Works - POW Works

Job Code: 012-23-000006

Name of Agency: Sri Nagoor Lokaadha Reddy, Flat No. 102, 1st Flooor, No. 02 MSNR Enclave, 2nd Cross, Manorayana Palya, RT Nagar Post, Bangalore - 560032.

Work order No: BBMP/EE/BTP/WO/174/2022-23 D: 15-03-2023.

| | Measurements Recarded on : | 06-04-2023 | | | | | |
|---|---|---|---|---|---|---|---|
| **Sl No** | **Description of work** | **Mesurement** | | | | **Qty.** | **Unit** |
| | | **No.** | **L** | **B** | **D** | | |
| 1 | Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. | | | | | | |
| | **Desilting of Drains** | | | | | | |
| | Ganesha Temple Main Road, Badarappa Layout 2nd Cross E/S | | | | | | |
| | | 1 | 15.00 | 0.45 | 0.45 | 3.04 | |
| | | 1 | 15.00 | 0.45 | 0.45 | 3.04 | |
| | | 1 | 15.00 | 0.45 | 0.45 | 3.04 | |
| | | 1 | 12.00 | 0.45 | 0.45 | 2.43 | |
| | | 1 | 15.00 | 0.45 | 0.45 | 3.04 | |
| | | 1 | 12.00 | 0.45 | 0.45 | 2.43 | |
| | Natural beauty saloon Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 0.60 | 0.60 | 5.40 | |
| | | 1 | 15.00 | 0.60 | 0.60 | 5.40 | |
| | | 1 | 2.70 | 0.60 | 0.60 | 0.97 | |
| | | 1 | 6.00 | 0.60 | 0.60 | 2.16 | |
| | S/S | | | | | | |
| | | 1 | 15.00 | 0.60 | 0.60 | 5.40 | |
| | | 1 | 11.00 | 0.60 | 0.60 | 3.96 | |
| | Iron Bird Elevators Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 0.60 | 0.60 | 5.40 | |
| | | 1 | 11.00 | 0.60 | 0.40 | 2.64 | |
| | S/S | 1 | 15.00 | 0.60 | 0.45 | 4.05 | |

Assistant Executive Engineer
Kodigehalli
BBMP, Bangalore

52-39

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 1 | 11.00 | 0.60 | 0.40 | 2.64 | |
| | Ratna Residences Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 0.45 | 0.35 | 2.36 | |
| | | 1 | 7.00 | 0.45 | 0.40 | 1.26 | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | S/S | 1 | 15.00 | 0.45 | 0.45 | 3.04 | |
| | | 1 | 10.00 | 0.45 | 0.45 | 2.03 | |
| | 6th Cross Balaji Layout Sham Charitable Clinic Road | | | | | | |
| | S/S | 1 | 30.00 | 0.90 | 0.45 | 12.15 | |
| | | 1 | 30.00 | 0.90 | 0.35 | 9.45 | |
| | | 1 | 30.00 | 0.90 | 0.40 | 10.80 | |
| | | 1 | 30.00 | 0.90 | 0.50 | 13.50 | |
| | | 1 | 7.00 | 0.90 | 0.35 | 2.21 | |
| | 6th Cross Balaji Layout Sri Venkateshwara Hot Chips Shop opp Road | | | | | | |
| | N/S | 1 | 30.00 | 0.90 | 0.35 | 9.45 | |
| | | 1 | 30.00 | 0.90 | 0.45 | 12.15 | |
| | | 1 | 20.70 | 0.90 | 0.30 | 5.59 | |
| | Chowdeshwari Layout 2nd Main | | | | | | |
| | E/S | 1 | 16.00 | 0.60 | 0.35 | 3.36 | |
| | S/S | 1 | 30.00 | 0.60 | 0.30 | 5.40 | |
| | | 1 | 30.00 | 0.60 | 0.25 | 4.50 | |
| | | 1 | 30.00 | 0.60 | 0.35 | 6.30 | |
| | | 1 | 30.00 | 0.60 | 0.20 | 3.60 | |
| | | 1 | 15.00 | 0.60 | 0.35 | 3.15 | |
| | N/S | 1 | 30.00 | 0.60 | 0.35 | 6.30 | |
| | | 1 | 30.00 | 0.60 | 0.30 | 5.40 | |
| | | 1 | 30.00 | 0.60 | 0.45 | 8.10 | |
| | | 1 | 18.10 | 0.60 | 0.30 | 3.26 | |
| | **New RCC Drain** | | | | | | |
| | Sahaja Pride Apartment E/S Road 6th Cross Balaji Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 11.20 | 1.10 | 1.00 | 12.32 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 14.30 | 1.10 | 1.00 | 15.73 | |
| | W/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |

Assistant Executive E
Kodigehalli Sub Di
BBMP, Bangal

378.54

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 14.50 | 1.10 | 1.00 | 15.95 | |
| | Newton Public School N/S Road, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 9.40 | 1.10 | 1.00 | 10.34 | |
| | S/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 2.30 | 1.10 | 1.00 | 2.53 | |
| | Newton Public School E/S Road, Bharadrappa Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 11.50 | 1.10 | 1.00 | 12.65 | |
| | W/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 7.50 | 1.10 | 1.00 | 8.25 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 10.00 | 1.10 | 1.00 | 11.00 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 10.40 | 1.10 | 1.00 | 11.44 | |
| | Newton Public School Cross Road 2, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 13.60 | 1.10 | 1.00 | 14.96 | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 15.00 | 1.10 | 1.00 | 16.50 | |
| | | 1 | 7.00 | 1.10 | 1.00 | 7.70 | |
| | Culverts | | | | | | |
| | Newton Public School 1st Cross | 1 | 6.10 | 1.70 | 1.00 | 10.37 | |
| | Newton Public School 2nd Cross | 1 | 6.20 | 1.70 | 1.00 | 10.54 | |
| | Newton Public School 3rd Cross | 1 | 6.20 | 1.70 | 1.00 | 10.54 | |
| | | Total Qty = | | | | **903.70** | |
| | | Qty Limited to Tender Qry = | | | | **903.00** | Cum |

472.77

Assistant Executive
Kodigehalli Sub D
BBMP, Banga

Assistant Engineer
Ward No. 12, Kodigehalli

Assistant Executive Engineer
Kodigehalli Sub Division

| Sl No | Description of work | Mesurement No. | L | B | D | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | Measurements Recarded on : | 12-05-2023 | | | | | |
| 2 | Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. | | | | | | |
| | **New RCC Drain** | | | | | | |
| | Sahaja Pride Apartment E/S Road 6th Cross Balaji Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 11.20 | 1.00 | 0.15 | 1.68 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 14.30 | 1.00 | 0.15 | 2.15 | |
| | W/S | | | | | | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 14.50 | 1.00 | 0.15 | 2.18 | |
| | Newton Public School N/S Road, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 9.40 | 1.00 | 0.15 | 1.41 | |
| | | | | | | | |
| | S/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 2.30 | 1.00 | 0.15 | 0.35 | |
| | Newton Public School E/S Road, Bharadrappa Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 11.50 | 1.00 | 0.15 | 1.73 | |
| | W/S | | | | | | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |

67.98

RBC

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 1 | 7.50 | 1.00 | 0.15 | 1.13 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 10.00 | 1.00 | 0.15 | 1.50 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 10.40 | 1.00 | 0.15 | 1.56 | |
| | Newton Public School Cross Road 2, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 13.60 | 1.00 | 0.15 | 2.04 | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 7.00 | 1.00 | 0.15 | 1.05 | |
| | Culverts | | | | | | |
| | Newton Publice School 1st Cross | 1 | 6.10 | 1.60 | 0.15 | 1.46 | |
| | Newton Publice School 2nd Cross | 1 | 6.20 | 1.60 | 0.15 | 1.49 | |
| | Newton Publice School 3rd Cross | 1 | 6.20 | 1.60 | 0.15 | 1.49 | 29.72 |
| | | Total Qty = | | | | **97.70** | |
| | | Qty Limited to Tender Qry = | | | | **96.07** | Cum |

Assistant Engineer
Ward No. 12, Kodigehalli

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

| Sl No | Description of work | Mesurement No. | L | B | D | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | Measurements Recarded on : | 13-06-2023 | | | | | |
| 3 | Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & form work to be paid separately) | | | | | | |
| | **New RCC Drain** | | | | | | |
| | **Raft** | | | | | | |
| | Sahaja Pride Apartment E/S Road 6th Cross Balaji Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 11.20 | 1.00 | 0.15 | 1.68 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 14.30 | 1.00 | 0.15 | 2.15 | |
| | W/S | | | | | | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 14.50 | 1.00 | 0.15 | 2.18 | |
| | Newton Public School N/S Road, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 9.40 | 1.00 | 0.15 | 1.41 | |
| | | | | | | | |
| | S/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 2.30 | 1.00 | 0.15 | 0.35 | |
| | Newton Public School E/S Road, Bharadrappa Layout | | | | | | |
| | E/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |

Assistant Executive Engineer
Kodigehalli Sub Division
BWSSB, Bangalore

64.01

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 1 | 11.50 | 1.00 | 0.15 | 1.73 | |
| | W/S | | | | | | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 7.50 | 1.00 | 0.15 | 1.13 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 10.00 | 1.00 | 0.15 | 1.50 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 10.40 | 1.00 | 0.15 | 1.56 | |
| | Newton Public School Cross Road 2, Bhadrappa Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 13.60 | 1.00 | 0.15 | 2.04 | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | N/S | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 15.00 | 1.00 | 0.15 | 2.25 | |
| | | 1 | 7.00 | 1.00 | 0.15 | 1.05 | |
| | **Side Wall** | | | | | | |
| | Sahaja Pride Apartment E/S Road 6th Cross Balaji Layout | | | | | | |
| | E/S | 2 | 15.00 | 0.15 | 0.65 | 2.93 | |
| | | 2 | 15.00 | 0.15 | 0.64 | 2.88 | |
| | | 2 | 15.00 | 0.15 | 0.63 | 2.84 | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 11.20 | 0.15 | 0.62 | 2.08 | |
| | | 2 | 15.00 | 0.15 | 0.63 | 2.84 | |
| | | 2 | 15.00 | 0.15 | 0.63 | 2.84 | |
| | | 2 | 15.00 | 0.15 | 0.63 | 2.84 | |
| | | 2 | 14.30 | 0.15 | 0.63 | 2.70 | |
| | W/S | | | | | | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 15.00 | 0.15 | 0.64 | 2.88 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 15.00 | 0.15 | 0.58 | 2.61 | |
| | | 2 | 14.50 | 0.15 | 0.58 | 2.52 | |
| | Newton Public School N/S Road, Bhadrappa Layout | | | | | | |
| | N/S | 2 | 15.00 | 0.15 | 0.45 | 2.03 | |
| | | 2 | 15.00 | 0.15 | 0.50 | 2.25 | |
| | | 2 | 9.40 | 0.15 | 0.50 | 1.41 | |
| | | | | | | | |
| | S/S | 2 | 15.00 | 0.15 | 0.50 | 2.25 | |
| | | 2 | 15.00 | 0.15 | 0.50 | 2.25 | |

88.55

Assistant Executiv
Kodigehalli Sub
BBMP, Bang

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 2 | 2.30 | 0.15 | 0.50 | 0.35 | |
| | Newton Public School E/S Road, Bharadrappa Layout | | | | | | |
| | E/S | 2 | 15.00 | 0.15 | 0.54 | 2.43 | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 15.00 | 0.15 | 0.63 | 2.84 | |
| | | 2 | 15.00 | 0.15 | 0.62 | 2.79 | |
| | | 2 | 11.50 | 0.15 | 0.62 | 2.14 | |
| | W/S | | | | | | |
| | | 2 | 15.00 | 0.15 | 0.50 | 2.25 | |
| | | 2 | 7.50 | 0.15 | 0.55 | 1.24 | |
| | | 2 | 15.00 | 0.15 | 0.50 | 2.25 | |
| | | 2 | 10.00 | 0.15 | 0.55 | 1.65 | |
| | | 2 | 15.00 | 0.15 | 0.60 | 2.70 | |
| | | 2 | 10.40 | 0.15 | 0.60 | 1.87 | |
| | Newton Public School Cross Road 2, Bhadrappa Layout | | | | | | |
| | N/S | 2 | 15.00 | 0.15 | 0.52 | 2.34 | |
| | | 2 | 15.00 | 0.15 | 0.55 | 2.48 | |
| | | 2 | 15.00 | 0.15 | 0.58 | 2.61 | |
| | | 2 | 15.00 | 0.15 | 0.56 | 2.52 | |
| | | 2 | 13.60 | 0.15 | 0.55 | 2.24 | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | N/S | 2 | 15.00 | 0.15 | 0.58 | 2.61 | |
| | | 2 | 15.00 | 0.15 | 0.56 | 2.52 | |
| | | 2 | 7.00 | 0.15 | 0.58 | 1.22 | |
| | **Culvert** | | | | | | |
| | **Raft** | | | | | | |
| | Newton Public School 1st Cross | 1 | 6.10 | 1.50 | 0.20 | 1.83 | |
| | Newton Public School 2nd Cross | 1 | 6.20 | 1.50 | 0.20 | 1.86 | |
| | Newton Public School 3rd Cross | 1 | 6.20 | 1.50 | 0.20 | 1.86 | |
| | **Side Wall** | | | | | | |
| | Newton Public School 1st Cross | 2 | 6.10 | 0.30 | 0.65 | 2.38 | |
| | Newton Public School 2nd Cross | 2 | 6.20 | 0.30 | 0.65 | 2.42 | |
| | Newton Public School 3rd Cross | 2 | 6.20 | 0.30 | 0.60 | 2.23 | 61.89 |
| | | Total Qty = | | | | **214.45** | |
| | | Qty Limited to Tender Qry = | | | | **214.41** | Cum |

Assistant Engineer
Ward No. 12, Kodigehalli

Assistant Executive Engineer
Kodigehalli Sub Division

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

N. Veenakshi

| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | Measurements Recarded on : | 13-06-2023 | | | | | |
| 4 | Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. | | | | | | |
| | **U Shape Drains** | **No** | **L** | **Mtrs** | **Kg/m** | **Kgs** | |
| | Sahaja Pride Apartment E/S Road E/S | | | | | | |
| | 10 mm dia | 1186 | 2.20 | 2610.00 | 0.62 | 1618.20 | |
| | 8 mm dia | 18 | 130.50 | 2349.00 | 0.39 | 916.11 | |
| | Sahaja Pride Apartment E/S Road W/S | | | | | | |
| | 10 mm dia | 1223 | 2.20 | 2690.00 | 0.62 | 1667.80 | |
| | 8 mm dia | 18 | 134.50 | 2421.00 | 0.39 | 944.19 | |
| | Newton Public School N/S | | | | | | |
| | 10 mm dia | 358 | 2.10 | 752.18 | 0.62 | 466.35 | |
| | 8 mm dia | 18 | 39.40 | 709.20 | 0.39 | 276.59 | |
| | Newton Public School S/S | | | | | | |
| | 10 mm dia | 294 | 2.10 | 616.64 | 0.62 | 382.31 | |
| | 8 mm dia | 18 | 32.30 | 581.40 | 0.39 | 226.75 | |
| | Newton Public School E/S | | | | | | |
| | 10 mm dia | 923 | 2.10 | 1937.73 | 0.62 | 1201.39 | |
| | 8 mm dia | 18 | 101.50 | 1827.00 | 0.39 | 712.53 | |
| | Newton Public School W/S | | | | | | |
| | 10 mm dia | 205 | 2.10 | 429.55 | 0.62 | 266.32 | |
| | 8 mm dia | 18 | 22.50 | 405.00 | 0.39 | 157.95 | |
| | | | | | | | |
| | 10 mm dia | 227 | 2.10 | 477.27 | 0.62 | 295.91 | |
| | 8 mm dia | 18 | 25.00 | 450.00 | 0.39 | 175.50 | |
| | | | | | | | |
| | 10 mm dia | 231 | 2.10 | 484.91 | 0.62 | 300.64 | |
| | 8 mm dia | 18 | 25.40 | 457.20 | 0.39 | 178.31 | |
| | Newton School 2nd Cross Road N/S | | | | | | |
| | 10 mm dia | 669 | 2.10 | 1405.09 | 0.62 | 871.16 | |
| | 8 mm dia | 18 | 73.60 | 1324.80 | 0.39 | 516.67 | |
| | Vepaate Residency Road | | | | | | |
| | 10 mm dia | 336 | 2.10 | 706.36 | 0.62 | 437.95 | |
| | 8 mm dia | 18 | 37.00 | 666.00 | 0.39 | 259.74 | |
| | **Culverts** | | | | | | |
| | 16 mm | 56 | 3.40 | 190.40 | 1.58 | 300.83 | |
| | 12 mm | 23 | 6.10 | 140.30 | 0.89 | 124.87 | |
| | 16 mm | 57 | 3.40 | 193.80 | 1.58 | 306.20 | |
| | 12 mm | 23 | 6.20 | 142.60 | 0.89 | 126.91 | |
| | 16 mm | 57 | 3.40 | 193.80 | 1.58 | 306.20 | |
| | 12 mm | 23 | 6.20 | 142.60 | 0.89 | 126.91 | |
| | | | | | | **13164.30** | Kgs |
| | | Total Qty = | | | | **13.16** | Tonne |
| | | Qty Limited to Tender Qry = | | | | **13.13** | Tonne |

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N. Laxmikeshy

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| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | Measurements Recarded on : | 14-06-2023 | | | | | |
| 5 | Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate** | | | | | | |
| | **Culvert Ramp** | | | | | | |
| | Newton Public School 1st Cross | 2 | 6.20 | 1.20 | 0.15 | 2.23 | |
| | Newton Public School 2nd Cross | 2 | 6.20 | 1.20 | 0.15 | 2.23 | |
| | Newton Public School 3rd Cross | 2 | 6.10 | 1.20 | 0.15 | 2.20 | |
| | **Coping Concrete** | | | | | | |
| | Chowdeshwari Layout 2nd Main | | | | | | |
| | E/S | 2 | 16.00 | 0.15 | 0.20 | 0.96 | |
| | S/S | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 15.00 | 0.15 | 0.20 | 0.90 | |
| | N/S | | | | | | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 18.10 | 0.15 | 0.20 | 1.09 | |
| | 6th Cross Balaji Layout Sham Charitable Clinic Road | | | | | | |
| | S/S | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 30.00 | 0.15 | 0.20 | 1.80 | |
| | | 2 | 7.00 | 0.15 | 0.20 | 0.42 | |
| | 6th Cross Balaji Layout Sri Venkateshwara Hot Chips Shop opp Road | | | | | | |
| | N/S | 2 | 30.00 | 0.15 | 0.15 | 1.35 | |
| | | 2 | 30.00 | 0.15 | 0.15 | 1.35 | |
| | | 2 | 20.70 | 0.15 | 0.15 | 0.93 | |
| | Natural beauty saloon Road, Balaji Layout | | | | | | |
| | N/S | 2 | 15.00 | 0.15 | 0.15 | 0.68 | |
| | | 2 | 15.00 | 0.15 | 0.15 | 0.68 | |
| | | 2 | 2.70 | 0.15 | 0.15 | 0.12 | |
| | | 2 | 6.00 | 0.15 | 0.15 | 0.27 | |
| | S/S | | | | | | |
| | | 2 | 15.00 | 0.15 | 0.15 | 0.68 | |
| | | 2 | 11.00 | 0.15 | 0.15 | 0.50 | |
| | Iron Bird Elevators Road, Balaji Layout | | | | | | |
| | N/S | 2 | 15.00 | 0.15 | 0.15 | 0.68 | |

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| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | | 2 | 11.00 | 0.15 | 0.15 | 0.50 | |
| | S/S | | | | | | |
| | | 2 | 15.00 | 0.15 | 0.15 | 0.68 | |
| | | 2 | 11.00 | 0.15 | 0.15 | 0.50 | |
| | | Total Qty = | | | | **38.71** | |
| | | Qty Limited to Tender Qry = | | | | **38.37** | Cum |

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| Sl No | Description of work | Mesurement | | | | Qty. | Unit |
|---|---|---|---|---|---|---|---|
| | | No. | L | B | D | | |
| | Measurements Recarded on : | 15-06-2023 | | | | | |
| 6 | Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications | | | | | | |
| | Vepaate Residency Road, Balaji Layout | | | | | | |
| | S/S | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 10.00 | | 0.40 | 8.00 | |
| | Ratna Residences Road, Balaji Layout | | | | | | |
| | N/S | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 7.00 | | 0.40 | 5.60 | |
| | Ganesha Temple Main Road, Badarappa Layout 2nd Cross E/S | | | | | | |
| | | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 12.00 | | 0.40 | 9.60 | |
| | | 2 | 15.00 | | 0.40 | 12.00 | |
| | | 2 | 12.00 | | 0.40 | 9.60 | |
| | | Total Qty = | | | | **104.80** | |
| | | Qty Limited to Tender Qry = | | | | **104.00** | Sqm |

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N. Lokanatha

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